Contents	Reference to last Measurement
7	8

First & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. ..... Construction of Compound to division office building Ward No 8. 258989
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency ..... M. Shivakumar Bangalore
Date of commencement of work 12-02-2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost = 25.00 Lakhs Job code No: 008-19-0001165 Head of Account: P-1271 Work order no: BBMP/EE/BTP/WO/199/2019-20 dtd. 12.02.2020. Date of Measurement: 25/9/2020						
1)	Earthwork excavation for foundations of building, water supply, Sanitary lines and Electrical Conduits 0.5 m and above in width not exceeding 1.5 m in depths with lead upto 50 m. after breaking clods Complete as per specification. qty vide Premeasurement recorded in E.MB in page no 1				CUM	468.43	
						@ 460.67	Rs 215791.64

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	19) Lead for disposal of debris shall be payable at Carriage rates by Mechanical mean. loading & unloading. qty vide pre measurement recorded in E-MB in pg no 2					398.17	
					@ 83.18	Rs	33119.78.
	2) Providing and laying in position PCC of mix M7.5 with OPC Cement @ 180 kg using 40mm and down size graded granite metal, coarse aggregates @ 0.85 cum & fine aggregates @ 0.58 cum machine mixed in layer not exceeding 15cm thick, well compacted in foundation & plinth, curing complete as per specifications. qty vide pre measurement recorded in E-MB in Page no 3					22.05	Cum
					@ 5234.65	Rs	115424.03.
	3) Providing & Constructing granite/kap/basalt size stone						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	masonry in foundation (dressed in Courses not 2m per in each cou curing complete as per qty vide pre measurem
	4) Providing & Constructing in basement level mor Course, Cem, Labor, qty vide pre measurem

ts	Reference to last Measurement 8
.17	
Rs	33 119.78
2.05	Cum
Rs	115424.03

M. A. R. 57 (Rule 116)
Measurement Book

No. B
258930

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Masonry in foundation Cement mortar 1:6 stone hammered dressed in Courses not less than 20 Cm high, bond stone at 2 m part in each course include Cost of Materials, Labour Curing complete as per specification 4th side premeasurement recorded in E-MB on page no 4 @ 4715.49					51.77 Cum Rs	244120.91
4)	Providing & Constructing granite/trap/ boraft size stone Masonry in basement Cement mortar i:6, not less than 20 Cms in each course. Cost, Labor, Curing Complete as per specifications provide premeasurement recorded in E-MB in Page no 5 @ 5625.55					15.52 Cum Rs	87308.53

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing rubed pointing to Corbled Stone masonry with mortar 1:3, 20mm deep, after raking joint to depth of 20mm nicely finishing including Cost of materials, labour, etc per Specs, Complete as per the direction of Engg-In-Charge. Qty vide premeasurement recorded in E-MB in Pg no 6 @ 145.69					69.03 Sqm Rs 10056.95	
6)	Providing & laying in Position PCC of mix 1:2:4 with 20mm & down size graded gm aggregate at 240 Kg with Ordy Cem & FA @ 0.45 Cum. mixed by Cmy thick. Complete as per specifications with all leads & lifts. Engineering of the work. Qty vide Pre measurement recorded in E-MB in Pg no 7 @ 6202.17					6.69 Cum Rs 41492.51	
15)	Providing & removing Centering, Shuttering, Bracing, propping etc						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Removal of form work for vert... thickness, Pilasters, buttresses... as per specification... Qty vide Pre measurement re...
14)	Providing MT steel reinforcemen... cutting, bending, hooks, placing in ... Cleaps, hooks & wastage shall be ... material, labour etc complete ... Qty vide Pre measurement ...

Contents	Reference to last Measurement
7	8
69.63 Sqm	Rs 10056.98
6.69 Tonn	Rs 41492.51
2.17	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 258991

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Removal of form work for vertical surface as well at any thickness, pilaster buttresses plinths & string courses (above) as per specification qty vide pre measurement recorded in EMB of page no 8 @ 360.50.					255.60 Rs 92143.80.	
	(A) Providing MT steel reinforcement for RCC work including straightening cutting, bending, hooks, placing in position complete as per design (Cheps, hooks & wastage shall not be reduced & paid) cost of material, labour etc complete as per specifications qty vide pre measurement recorded in EMB of page no 9 @ 71492.97					1.40 MT Rs 100376.12	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	Providing & laying cement concrete using 20mm & down size granite jelly of RMC for RCC works laid in 8 cms thick layer & well Compacted vibrating with necessary cement mortar, forms works & Scaffolding to withstand pumping of Concrete with all lead & lift etc. Complete (exclusive of cost of steel & fabrication charges) RMC Concrete M20 (1:1.5:3) for raft foundation & Secondary beam. qty vide post measurement recorded in EMB @ page no 3					28.75 cum @ 5482.10 Rs	157610.37
18)	Providing & laying in Position RCC M20 mix with stone aggregates 20mm & down size for slab (including steel reinforcements) including centering & shuttering, machine mixed, Concrete laid in layer not exceeding 15 cms thick well Compacted Cost of all materials, labour, tools & machinery, work complete as per Specifications. 100 mm thick. qty vide post measurement recorded in EMB @ page no 3					63.90 sqm @ 1995.00	127480.50

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
7)	Providing & Constructing load b... of size 600x200x200 mm he... M... & having a minimum aver... Conforming to IS 2185 (Part) :... IS 2572:2005 including Con... qty vide post measurement reco...
8)	Providing & fixing MS grill ... weighing 24 Kg/sqm using ... Combination of MS flats ... design, drawing including Wo...

ontents	Reference to last Measurement
7	8
8.75	Cum
Rs	157610.37
53.90	Sqm
0	1274880.50

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

258992

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Providing & Constructing load bearing wall with Solid Concrete Blocks of size 600x200x200 mm having Block density not less than 1800 kg/m³ & having a minimum average compressive strength 4000 kN/m² Conforming to IS 2185 (Part) : 2005 & constructed with CM 1:4 as per IS 2572:2005 Including Cost of all materials as per specifications qty vide Part measurement recorded in EMB in Page no 3				@ 987.01	~~987.01~~ 169.81 Sqm Rs	~~Provisional~~ 167604.16
8)	Providing & fixing MS grill work for windows & ventilators weighing 24 Kg/Sqm using M.S flats or MS square rods or combination of MS flats & square rods as per approved design, drawing including cutting steel sections & welding the same						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to required pattern with red lead primer finishing labour & tools & machinery Complete as per specifications. Qty vide post measurement recorded in EMB, page no 4					396.90 Sqm @ 97.47 Rs	35685.84
9)	Providing 12mm thick Cement Plaster in single Coat with Cement Mortar 1:6 to brick masonry including rounding off Corners wherever required, Smooth rendering, Cost of material, labour, Curing Complete as per specifications Qty vide Post measurement recorded in EMB of Page no 4					313.85 198.01 Sqm @ 198.01 Rs	62145.43
10)	Providing & finishing external walls in two coats with water proof Cement paint of approved brand & shade to give an even						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Shade thoroughly grooming the Sur Pondered material, free from m Cost of material, labour, Complete Qty vide post measurement rec
11)	Providing & laying heavy duty Powder, using Cement & Coarse sand Thick Sand bed (average thickn Vibrator having 3 tons Compact Sand underneath to come up

	Reference to last Measurement 8
90	Sqm
Rs	38685.84
85	Sqm
Rs	62146.43

M. A. R. 57 (Rule 116)
Measurement Book

No. B
258993

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Shade thoroughly brooming the surface to remove all dust & loose Pondered material, free from mortar drops & other foreign matter Cost of material, labour, complete & per specification. with Primer Qty vide part measurement recorded in EMB of Page no 4 @ 104.65					313.85 Rs	32846.40
(1)	Providing & laying heavy duty cobble stone 75mm thick interlock Paver, using Cement & Cobble stone for 28 kg per Sqm over 50mm thick Sand bed (average thickness) and Compacting with plate Vibrator having 3 tons Compactive force thereby forcing part of Sand underneath to come up in between joints, final						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Compaction of Paver Surface over final bed, Labour, & tools & machinery Complete as per specifications, qty vide post measurement recorded of EMB in page no 4					1248.00 Sqm @ 1138.86 Rs	16855.128
12	Providing & fixing M.S Block pipe of 38mm dia of heavy qlty of 14 including removing the bend. and spot welding the chain link with MS block pipe including Cost of all materials wastage in Cutting & Scaffolding wherever necessary as per the lead & lift as directed by the Engineer in charge of work etc. One coat of Shop paint. qty vide post measurement recorded of EMB on page no 5					353.40 Rm @ 418.60 Rs	147933.24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
13	Supplying & fixing MS angles of 65 x 65 x 6 mm with 2 Nos 16 mm dia H including Cutting, bending, the direction of Engineer in quality Paint over One c qty vide post Measurement
14	Providing chain link properly Stretched be fixed with Suitable b welded to the pole

ontents	Reference to last Measurement
7	8
148.00	SqM
6 Rs	16855.28
353.40	Rm
0 Rs	147933.24

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258994

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

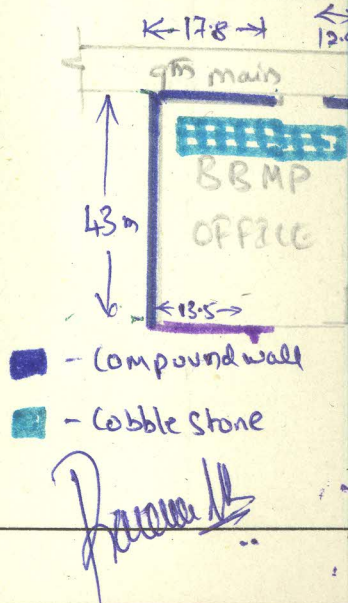
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	13) Supplying & fixing MS Rectangular poles made out of 2 equals angles of 65 x 65 x 6 mm welded together and filled in CC (1:2:4) with 2 Nos 16mm dia MS hold fast rods each of length 75 cms including cutting, bending, scaffolding wherever necessary, as per the direction of Engineer in charge. Providing 2 coats of approved quality paint over One coat of chopanlay. Vide Post Measurement recorded on Sub of page no 5 @ 881.33					86.40 Rm / Rs 76146.91	
	14) Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles & fixed with suitable bolt & nuts, the free end shall be welded to the pole and black pipe at top & bottom						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As required cost of all materials, labour, lead & lift and all per the specs direction of engineer-in-charge of work including two coats of approved paint over one coat of shop paint.						
	Qty vide post measurement recorded on CMB of Page no 5.					194.37 Sqm	
						@ 733.59 Rs 142587.80	
						Sub total Rs 2061424.31	
						Add GST @ 12% Rs 247370.91	
						Total. Rs 2308795.22	
	Certificate: The work is completed satisfactorily & there is no departmental claim with this work.						
	W. contractor						
						Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P.	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	NIL 2



ntents	Reference to last Measurement
7	8
94.37 Sqm	
9 Rs 142587.86	
Rs 2061424.81	
12% Rs 247370.91	
otal Rs 2308795.22	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258995

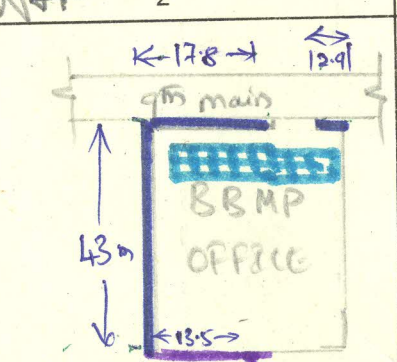
Serial No. .....

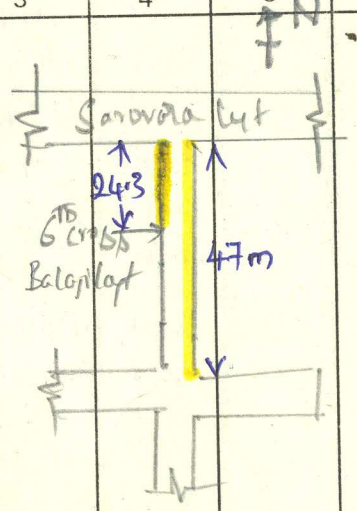
Name of Work ..... From..... To.....

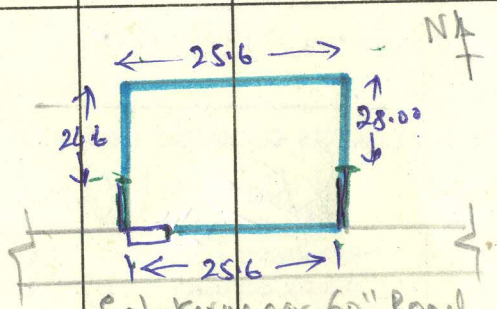
Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	~~NIL~~ 2	3	4	5	6	7	8







25/9/2020

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

1st & Final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P1771 - Pow ಒಟ್ಟು ಮೊಬಲಗು ರೂ. 2308700/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ತಪಶೀಲು ರೂ. 110100/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮೂಜಿಲೆಂದು ರೂ. 2198600/- ಗಳನ್ನು RTGS/NEFT/RTGS ಮುಖಾಂತರ ನಿಡಲಾಗುವ	ರಂ	TB It Cest Sgst Cen. CBF LR Fine Ded. Cheque	2308700 23087 20614 20614 23087 2309 18068 2321 110100 2198600			

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2